

# STERLING DRILLING CO.

BOX 129

STERLING, KANSAS 67579

WELL LOG - - - - - MEALS #3-2  
Located: C NW SE, Section 2-24S-17W, Edwards County, Kansas

OWNER: F. G. Holl

ROTARY DRILLING CONTRACTOR: Sterling Drilling Company

COMMENCED: December 12, 1986

COMPLETED: December 18, 1986

Total Depth: 4445'

## LOG

## CASING RECORD

0 - 70 Surface Soil and Sand  
70 - 310 Sand and Shale  
310 - 720 Shale, Sand, Red Beds  
720 - 1111 Shale  
1111 - 1130 Anhydrite  
1130 - 1770 Shale, Lime Stringers  
1770 - 4445 Lime and Shale

Ran 7 joints 8 5/8" casing. 295.64'  
pipe set at 310' K.B. Cemented with  
225 sacks 60/40 Pozmix, 2% gel, 3% cc.  
Plug down at 8:30 PM, 12-12-86, by  
Howco.

Ran 135 joints 4 1/2" casing.  
4431.58' pipe set at 4442' K.B.  
Cemented with 100 sacks Lite  
and 125 sacks 50/50 Pozmix, with  
F. G. Holl regular additives.  
Plug down at 7:15 AM, 12-18-86,  
by Howco.

Deviation Surveys: 1/2° at 310'  
3/4° at 2185'  
1 1/4° at 4445'